

# GREENTEC S65 G



## Product Data

Ref:190/31/10/12

Description: Silicon carbide low cement gunning material

- Features:
- Good strengths.
  - Good abrasion resistance.
  - Low rebound losses.

- Uses:
- Cement and material processing industries when abrasion resistance is a primary requirement.

### Chemical Analysis: Approximate (Calcined Basis)

Silicon Carbide - SiC	62.0%
Silica - SiO <sub>2</sub>	16.0%
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub>	1.0%

### Physical Properties

Maximum Recommended Temperature	Gunned
Quantity Required	1450°C
	2370 Kgs/m <sup>3</sup>
	Note: No allowance for rebound loss
Bulk Density	Kgs/m <sup>3</sup>
After Heating at 105°C	2470
After Heating at 815°C	2360
Cold Crushing Strength - ASTM C133 and C865	MPa
After Heating at 105°C	47.0
After Heating at 1000°C	48.0
Permanent Linear Change - ASTM C113 and C865	
After Heating at 105°C	<0.05%
After Heating at 1095°C	0.1% Shr
After Heating at 1370°C	0.2% Shr
Thermal Conductivity	W/mK
At 650°C	6.7
Shelf Life (Under Proper Storage Conditions)	180 days

Note: The test data shown are based on average results of control tests and are subject to normal variation on individual tests. These results cannot be taken as maximum or minimum requirements for specification purposes.

MSDS, Installation Guidelines and Dry Out Schedules are also available.